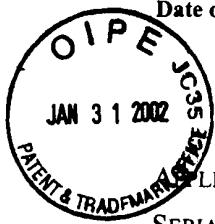


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Docket Number 20349-543 (OTT-43)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

LICANT: Spertini
SERIAL NUMBER: 09/506,978 EXAMINER: P. Huynh, Ph.D.
FILING DATE: February 18, 2000 ART UNIT: 1644
FOR: NOVEL BEE VENOM POLYPEPTIDES AND METHODS OF USE THEREOF

Assistant Commissioner for Patents
Washington, D.C. 20231

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AMENDMENT AND RESPONSE

This paper is in response to the July 31, 2001 Office Action in the above-identified patent application. A check in the amount of \$460.00 is enclosed to cover the petition fee for a three month extension of time pursuant to 37 C.F.R. § 1.17(a)(3). With the extension, these documents are due on or before January 31, 2002.

The Commissioner is hereby authorized to charge any additional fees that may be due, or credit any overpayment of same, to Deposit Account No. 50-0311, Reference No. 20349-543 (OTT-43).

In the Specification:

On page 4, please replace the paragraph beginning at line 19 with the following:

FIG. 1 is a schematic representation of the Api m 6 isoforms. The order of the amino acids in brackets was not determined. In this figure, Api m 6.01 refers to SEQ ID NO:1; Api m 6.02 refers to SEQ ID NO:2; Api m 6.03 refers to SEQ ID NO:3; Api m 6.04 refers to SEQ ID NO:4.

On page 11, replace the paragraph beginning at line 19 with the following:

Also included in the invention are fragments of a protein having a portion of the amino acid sequence of any of SEQ ID NOs:1-4. The fragment preferably has one or more of the herein described activities of an Api m 6 protein. The fragment can be, e.g., 6-72, 30-70, or 40-60 amino acids in length.